

A1 cont. electrodes 73b are formed at the right edge of the front glass substrate 11. Also, the other end portion of the X electrode 73a, which is not a terminal, ends at a position corresponding to the space between the outermost partition 23 and the frit glass space 45' at the right side of the substrate, while the other end portion of the Y electrode 73b, which is not a terminal, ends at a position corresponding to the space between the outermost partition 23 and the frit glass space 45' at the left side of the substrate. Thus, even when the non-light emitting zone filling portion 61 is formed close to positions 77a and 77b corresponding to the outermost partitions 61, and the empty space 62 is left between the non-light emitting zone filling portion 61 and the frit glass space 45', the non-light emitting zone filling portion 61 consequently covers all the end portions of the electrodes 73a and 77b disposed between a portion 75 where frit glass (not shown) is coated and the positions 77a and 77b corresponding to the outermost partitions 23. The above structure can prevent mis-discharge between the electrodes located between the frit glass coating position 75 and a position 77 where the partitions are formed.--

IN THE CLAIMS:

Please **CANCEL** claims 14 and 29-36 without prejudice or disclaimer, and **AMEND** claims 1-5, 15, 17, 19, 28, and 37, as follows.

- A2
1. (ONCE AMENDED) A plasma display panel comprising:
 - a front glass substrate and a rear glass substrate coupled to each other by a sealing material coated at edges of said front and rear glass substrates;
 - first and second electrodes on opposing inner surfaces of said front and rear glass substrates so as to cross each other;
 - a dielectric layer on each of the opposing inner surfaces of said front and rear glass substrates so as to cover said first and second electrodes;
 - partitions formed on an upper surface of said dielectric layer of said rear glass substrate and extending lengthwise in a first direction;
 - red, green and blue fluorescent substances coated between adjacent ones of said partitions; and
 - a non-light emitting zone filling portion filling a non-light emitting zone defined between an outermost one of said partitions and the sealing material, said non-light emitting zone portion comprising a material used for one of said partitions and having terminal ends defining a length in the first direction which is substantially a length of the outermost partition in the first direction.

2. (ONCE AMENDED) A plasma display panel comprising:
a front glass substrate and a rear glass substrate coupled to each other by a sealing material coated at edges of said front and rear glass substrates;
first and second electrodes on opposing inner surfaces of said front and rear glass substrates so as to cross each other;
a dielectric layer on each of the opposing inner surfaces of said front and rear glass substrates so as to cover said first and second electrodes;
partitions formed on an upper surface of said dielectric layer of said rear glass substrate;
red, green and blue fluorescent substances coated between adjacent ones of said partitions; and
a non-light emitting zone filling portion filling a non-light emitting zone defined between an outermost one of said partitions and the sealing material, said non-light emitting zone portion comprising a material used for one of said partitions,
wherein said outermost partition and said non-light emitting zone filling portion are substantially formed integrally.

Q2 3. (ONCE AMENDED) A plasma display panel comprising:
a front glass substrate and a rear glass substrate coupled to each other by a sealing material coated at edges of said front and rear glass substrates;
first and second electrodes on opposing inner surfaces of said front and rear glass substrates so as to cross each other;
a dielectric layer on each of the opposing inner surfaces of said front and rear glass substrates so as to cover said first and second electrodes;
partitions formed on an upper surface of said dielectric layer of said rear glass substrate;
red, green and blue fluorescent substances coated between adjacent ones of said partitions; and
a non-light emitting zone filling portion filling a non-light emitting zone defined between an outermost one of said partitions and the sealing material, said non-light emitting zone portion comprising a material used for one of said partitions,
wherein said non-light emitting zone filling portion completely fills a space between the sealing material and said outermost partition.

4. (ONCE AMENDED) A plasma display panel comprising:

a front glass substrate and a rear glass substrate coupled to each other by a sealing material coated at edges of said front and rear glass substrates;

first and second electrodes on opposing inner surfaces of said front and rear glass substrates so as to cross each other;

a dielectric layer on each of the opposing inner surfaces of said front and rear glass substrates so as to cover said first and second electrodes;

partitions formed on an upper surface of said dielectric layer of said rear glass substrate;

red, green and blue fluorescent substances coated between adjacent ones of said partitions; and

a non-light emitting zone filling portion filling a non-light emitting zone defined between an outermost one of said partitions and the sealing material, said non-light emitting zone portion comprising a material used for one of said partitions,

wherein said non-light emitting zone filling portion covers end portions of said first electrodes formed on the front glass substrate.

Q2 5. (ONCE AMENDED) A plasma display panel comprising:

a front glass substrate and a rear glass substrate coupled to each other by a sealing material coated at edges of said front and rear glass substrates;

first and second electrodes on opposing inner surfaces of said front and rear glass substrates so as to cross each other;

a dielectric layer on each of the opposing inner surfaces of said front and rear glass substrates so as to cover said first and second electrodes;

partitions formed on an upper surface of said dielectric layer of said rear glass substrate;

red, green and blue fluorescent substances coated between adjacent ones of said partitions; and

a non-light emitting zone filling portion filling a non-light emitting zone defined between an outermost one of said partitions and the sealing material, said non-light emitting zone portion comprising a material used for one of said partitions,

wherein a gas exhaust hole is formed at an upper surface of said non-light emitting zone filling portion parallel to a lengthwise direction of said outermost partition.

15. (ONCE AMENDED) A plasma display panel, comprising:

a front glass substrate having first electrodes over which a first dielectric layer is formed;
a rear glass substrate disposed opposite said front glass substrate, said rear glass substrate having second electrodes over which a second dielectric layer is formed, the second electrodes not being parallel with the first electrodes;
a seal connecting corresponding edges of said front and rear glass substrates;
partitions formed on an upper surface of the second dielectric layer between the edges of said rear glass substrate;
a fluorescent substance coated between said partitions; and
a non-light emitting zone filling portion disposed between an outermost one of said partitions and said seal so as to prevent a discharge of the first electrodes in a space between said outermost partition and said seal,
wherein said seal is disposed such that at least one of opposing ends of each of the first electrodes is disposed between said seal and said partitions.

17. (ONCE AMENDED) A plasma display panel, comprising:

Q2 a front glass substrate having first electrodes over which a first dielectric layer is formed;
a rear glass substrate disposed opposite said front glass substrate, said rear glass substrate having second electrodes over which a second dielectric layer is formed, the second electrodes not being parallel with the first electrodes;
a seal connecting corresponding edges of said front and rear glass substrates;
partitions formed on an upper surface of the second dielectric layer between the edges of said rear glass substrate;
a fluorescent substance coated between said partitions; and
a non-light emitting zone filling portion disposed between an outermost one of said partitions and said seal so as to prevent a discharge of the first electrodes in a space between said outermost partition and said seal,
wherein said non-light emitting zone filling portion is connected to and has a same height as said outermost partition.

19. (ONCE AMENDED) A plasma display panel, comprising:

a front glass substrate having first electrodes over which a first dielectric layer is formed;

a rear glass substrate disposed opposite said front glass substrate, said rear glass substrate having second electrodes over which a second dielectric layer is formed, the second electrodes not being parallel with the first electrodes;

a seal connecting corresponding edges of said front and rear glass substrates;

partitions formed on an upper surface of the second dielectric layer between the edges of said rear glass substrate;

a fluorescent substance coated between said partitions; and

a non-light emitting zone filling portion disposed between an outermost one of said partitions and said seal so as to prevent a discharge of the first electrodes in a space between said outermost partition and said seal,

wherein each of said first electrodes comprises:

a terminal end extending to said seal, and

a non-terminal end that does not extend to said seal, said non-light emitting zone filling portion and said outermost partition covering the non-terminal end.

28. (ONCE AMENDED) A plasma display panel, comprising:

a front glass substrate having first electrodes over which a first dielectric layer is formed;

a rear glass substrate disposed opposite said front glass substrate, said rear glass substrate having second electrodes over which a second dielectric layer is formed, the second electrodes not being parallel with the first electrodes;

a seal connecting corresponding edges of said front and rear glass substrates;

partitions formed on an upper surface of the second dielectric layer between the edges of said rear glass substrate;

a fluorescent substance coated between said partitions; and

a non-light emitting zone filling portion disposed between an outermost one of said partitions and said seal so as to prevent a discharge of the first electrodes in a space between said outermost partition and said seal,

further comprising an inert gas disposed within the plasma display panel except between the space defined between said outermost partition and said seal.

37. (ONCE AMENDED) A plasma display panel, comprising:

a front glass substrate having first electrodes over which a first dielectric layer is formed;